

SKILLS FRAMEWORK FOR SEA TRANSPORT SKILLS MAP - SENIOR TECHNICIAN/TECHNICIAN				
Sector	Sea Transport			
Track	Port			
Sub Track	Port Engineering			
Occupation	Port Engineer			
Job Role	Senior Technician/Technician			
Job Role Description	The Senior Technician/Technician maintains, troubleshoots and repairs port equipment, including automated equipment, while ensuring minimum disruption to port operations. He/She also participates in equipment modification projects to improve the reliability of the port equipment, while monitoring vendors in their work. He proposes improvements to the organisation's workflow, is a meticulous person who is able to work under pressure and at various heights.			
Critical Work Functions and Key Tasks	Critical Work Functions		Key Tasks	
	Implement preventive maintenance plans		Carry out preventive maintenance in accordance with preventive maintenance schedules Highlight areas of non-compliance to supervisor for follow-up Ensure proper housekeeping of tools after maintenance	
	Perform corrective maintenance and troubleshooting		Schedule equipment for repair, fault-finding and troubleshooting Coordinate with operations teams and contractors for corrective maintenance work Reinstate machine and equipment back to operation to reduce downtime Arrange logistics and prepare tools for component replacement or repair work Create work orders to document repairs Monitor status of equipment after repairs	
	Ensure compliance with workplace safety and health (WSH) policies, procedures and regulations		Comply with workplace safety and health policies, procedures and regulations when carrying out work	
	Lead improvements to enhance efficiency		Propose workflow improvements to improve efficiency Assist with implementation of workflow improvements to improve efficiency	
	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Cyber Security	Level 3	Teamwork	Basic
	Innovation	Level 3	Interpersonal Skills	Basic
	Port Equipment Maintenance	Level 2	Communication	Basic
	Service Excellence	Level 2	Managing Diversity	Basic
Work at Heights	Level 1	Global Mindset	Basic	
Programme Listing	For a list of Training Programmes available for the Sea Transport sector, please visit: www.skillsfuture.sg/skills-framework/sea-transport			

The information contained in this document serves as a guide.